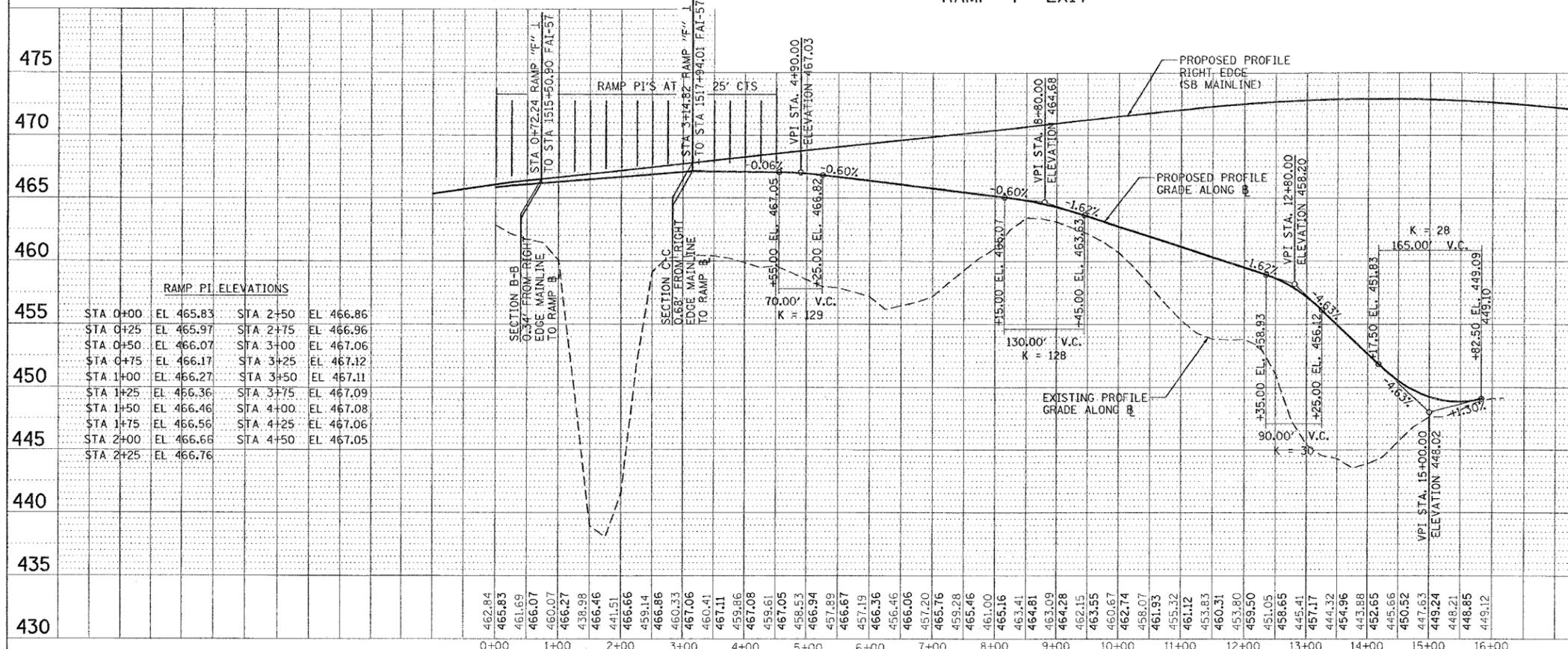


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	WILLIAMSON	917	384

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

\* I-57, & OLD IL 13 (FAU 9629)  
 \*\* (X1-6-2)VB-2,(X1-6)HBK-2

RAMP "F" EXIT



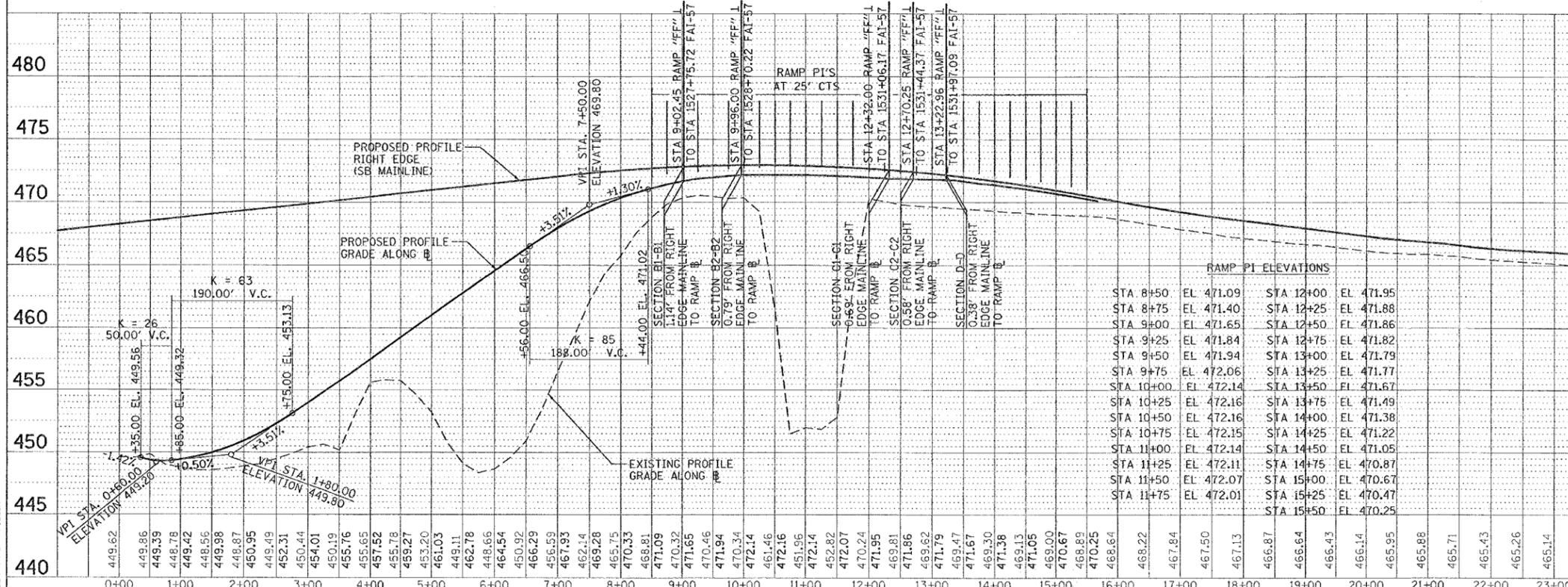
RAMP PI ELEVATIONS

STA 0+00	EL 465.83	STA 2+50	EL 466.86
STA 0+25	EL 465.97	STA 2+75	EL 466.96
STA 0+50	EL 466.07	STA 3+00	EL 467.06
STA 0+75	EL 466.17	STA 3+25	EL 467.12
STA 1+00	EL 466.27	STA 3+50	EL 467.11
STA 1+25	EL 466.36	STA 3+75	EL 467.09
STA 1+50	EL 466.46	STA 4+00	EL 467.08
STA 1+75	EL 466.56	STA 4+25	EL 467.06
STA 2+00	EL 466.66	STA 4+50	EL 467.05
STA 2+25	EL 466.76		

DESIGN EXCEPTIONS

1. DUE TO THE PROXIMITY OF RAMPS "F" & "FF" AND THE REQUIRED POSITIONING OF THE EXIT TERMINAL ALONG FAI-57, THE SECOND V.C. ALONG RAMP "F" HAS A SUBSTANDARD K OF 30 COMPARED TO A MINIMUM K=84 PER BDE FIG. 37-4F (50 MPH FOR OUTER RAMPS).
2. K VALUES NEAR TERMINALS @ WEST MAIN ARE LESS THAN THOSE REQUIRED IN BDE FIG. 37-4F FOR THE 50 MPH (OUTER).
3. ALL RAMP CROSS SLOPES NEAR THE BRIDGES ARE DEVELOPED PERPENDICULAR TO FAI-57 CENTERLINES AND NOT RAMP BASELINES DUE TO THE NEED TO MAINTAIN A POSITIVE SLOPE FROM THE RIGHT EDGE OF THE RAMPS TO THE CENTERLINE OF THE MAINLINE ON THE BRIDGE DECKS; I.E. HIGHWAY STANDARDS 406001 & 406101, BDE FIG. 37-6B, AND FIG. 37-6L REQUIREMENTS FOR RIGHT EDGE OF MAINLINE TO EQUAL LEFT EDGE OF RAMP CAN NOT BE MAINTAINED, NOR CAN SAID STANDARDS & FIGURES REQUIREMENTS FOR PLACEMENT OF VERTICAL P.I.'S & GRADES.
4. RELATED TO ITEM #3, DUE TO THE VERTICAL ALIGNMENT OF FAI-57, REQUIREMENTS FOR PLACEMENT OF VERTICAL P.I.'S & GRADES CAN NOT BE MAINTAINED. GENERALLY, P.I.'S AT 25' INTERVALS WERE USED TO EFFECT REQUIRED CROSS SLOPES THROUGH THE MAJORITY OF THE GORE AREAS.

RAMP "FF" ENTRANCE



RAMP PI ELEVATIONS

STA 8+50	EL 471.09	STA 12+00	EL 471.95
STA 8+75	EL 471.40	STA 12+25	EL 471.88
STA 9+00	EL 471.65	STA 12+50	EL 471.86
STA 9+25	EL 471.84	STA 13+00	EL 471.82
STA 9+50	EL 471.94	STA 13+25	EL 471.79
STA 9+75	EL 472.06	STA 13+50	EL 471.77
STA 10+00	EL 472.14	STA 14+00	EL 471.67
STA 10+25	EL 472.16	STA 14+25	EL 471.49
STA 10+50	EL 472.16	STA 14+50	EL 471.38
STA 10+75	EL 472.15	STA 15+00	EL 471.22
STA 11+00	EL 472.14	STA 15+25	EL 471.05
STA 11+25	EL 472.11	STA 15+50	EL 470.87
STA 11+50	EL 472.07		
STA 11+75	EL 472.01		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROFILES  
 RAMP "F" EXIT  
 RAMP "FF" ENTRANCE

SCALE: VERT. 5  
 HORIZ. 100

DRAWN BY  
 CHECKED BY

PLAN	DATE

PROFILE	DATE

PLOT DATE = 10/19/2006  
 FILE NAME = c:\p06\98950\2006\101913\101913.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = heden